

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/10091

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ A61K47/32, 31/48, 9/70, 47/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ A61K47/32, 31/48, 9/70, 47/08

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

| | | | |
|---------------------------|-----------|----------------------------|-----------|
| Jitsuyo Shinan Koho | 1992-1996 | Jitsuyo Shinan Toroku Koho | 1996-2002 |
| Kokai Jitsuyo Shinan Koho | 1971-2002 | Toroku Jitsuyo Shinan Koho | 1994-2002 |

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

REGISTRY (STN), CAPLUS (STN)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| Y | JP 9-315957 A (Hisamitsu Pharm. Co., Inc.), 09 December, 1997 (09.12.97), Par. Nos. [0006], [0009] to [0011], [0014]; examples 1, 6 (Family: none) | 1-11 |
| Y | WO 96/40139 A1 (ALZA CORP.), 19 December, 1996 (19.12.96), Claims & EP 831827 A1 & JP 11-507361 A | 1-11 |
| Y | JP 2002-515424 A (Schwarz Pharma AG.), 28 May, 2002 (28.05.02), Claims & WO 99/59558 A1 | 1-11 |

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

| | |
|---|--|
| * Special categories of cited documents: | "T" later, document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |
| "A" document defining the general state of the art which is not considered to be of particular relevance | "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone |
| "E" earlier document but published on or after the international filing date | "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
| "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | "&" document member of the same patent family |
| "O" document referring to an oral disclosure, use, exhibition or other means | |
| "P" document published prior to the international filing date but later than the priority date claimed | |

Date of the actual completion of the international search
26 September, 2003 (26.09.03)

Date of mailing of the international search report
28 October, 2003 (28.10.03)

Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

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INTERNATIONAL SEARCH REPORT

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|---|-----------------------|
| Y | WO 02/38139 A1 (Hisamitsu Pharm. Co., Inc.), 16 May, 2002 (16.05.02), Examples; Claims; page 3, lines 5 to 11 (Family: none) | 1-11 |
| Y | JP 4-368323 A (Sekisui Chemical Co., Ltd.), 21 December, 1992 (21.12.92), Par. Nos. [0021], [0027], [0041] (Family: none) | 2,3 |
| A | EP 993829 A1 (Hisamitsu Pharm. Co., Inc.), 19 April, 2000 (19.04.00), Examples & JP 10-167956 A | 1-11 |

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With Respect to Scope of Claim 2 for Search

The term "a basic-nitrogen-containing polymer containing basic nitrogen and having no pressure-sensitive self-adhesive properties" used in claim 2 is unclear as to what polymer is specifically included besides the acrylic polymers shown in the description as examples, such as methyl methacrylate/butyl methacrylate/dimethylaminoethyl methacrylate copolymers, and as to what polymer is not included, even when the statements in the description are investigated. This term hence makes the scope of the invention unclear.

Consequently, claim 2 and the description do not comply with the given requirements to such a degree that a meaningful international search can be made.

In this international search report, a search was hence made through prior art documents with respect to the polymers specified in the description.